

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
TECHNICAL PROCESSING GROUP
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AUG 7 2009

Barry A. Friedman, Esq.
Thompson Hine
1401 Eye Street NW 7th Floor
Washington, DC 20005

Re: David Gow
KGOW(AM), Bellaire, Texas
Facility Identification Number: 17389
BMML-20090715AJB (license application)
Construction Permit BP-20060118ADS as
modified by BMP-20070510AAF
Program Test Authority

Dear Mr. Friedman:

This is in reference to the above-captioned license application and the request for program test authority for station KGOW(AM).

Authority is granted KGOW(AM) to conduct nighttime limited program tests in accordance with Construction Permit BP-20060118ADS as modified by BMP-20070510AAF and Section 73.1620 of the Commission's rules on 1180 kHz with a nominal nighttime power of 15.0 kilowatts. Program tests are authorized with a nighttime antenna input power of 15.84 kilowatts (common point current 17.8 amperes).

Program tests must be conducted with the directional antenna systems adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found with the enclosed specifications.

Sincerely,



Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

cc: Bertram Goldman
David Gow

Name of Licensee: GOW COMMUNICATIONS, L.L.C.

Station Location: BELLAIRE, TX

Frequency (kHz): 1560

Station Class: B

Antenna Coordinates:

Night

Latitude: N 29 Deg 54 Min 06 Sec

Longitude: W 95 Deg 48 Min 16 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 15.0

Antenna Input Power (kW): Day: 52.7 Night: 15.8

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.5 Night: 17.8

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Night:

Tower No.	ASRN	Overall Height (m)
1	1268347	
2	1268348	
3	1268349	
4	1268350	
5	1268351	
6	1268352	
7	1268353	
8	1268354	
9	1268355	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 1187

Standard RMS (mV/m/km): Night: 1247

Augmented RMS (mV/m/km):

Q Factor: Night: 38.73

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3500	0.000	0.0000	0.000	0	91.3
2	0.5000	0.000	210.8000	56.000	0	91.3
3	0.2800	0.000	421.6000	55.000	0	91.3
4	0.6000	247.300	90.0000	147.000	0	91.3
5	1.0000	247.300	229.3000	79.500	0	91.3
6	0.5090	247.300	431.4000	68.000	0	91.3
7	0.3020	132.000	173.2000	146.000	0	91.3
8	0.5040	132.000	277.5000	98.000	0	91.3
9	0.2570	133.000	459.0000	79.500	0	91.3

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	110.2	0.35
2	108.9	0.519
3	109	0.287
4	0.5	0.572
5	0	1
6	0.8	0.503
7	-107.9	0.264
8	-107.2	0.452
9	-105.1	0.229

Antenna Monitor: POTOMAC INSTRUMENTS TYPE 190109

Sampling System Approved Under Section 73.68 of the Rules.

*** END OF AUTHORIZATION ***